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浙江东部凤仙花属一新种

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A new species of *Impatiens* from eastern Zhejiang, China

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Key words *Impatiens* L.; *I. huangyanensis* X. F. Jin et B. Y. Ding; New species; Zhejiang; China

关键词 凤仙花属；黄岩凤仙花；新种；浙江；中国

黄岩凤仙花　新种　图 1

Impatiens huangyanensis X. F. Jin et B. Y. Ding, sp. nov. Fig. 1

Species *I. jinggangensi* Y. L. Chen proxima, a qua pedunculis 1～2-floris, foliis brevioribus, c. 10 mm longis, alis stipitatis, stipitibus 3～4 mm longis, labello saccato usque ad 2.5 cm longo, purpureo-striato, basi in calcar c. 20 mm longum incurvum constricto differt.

Herba annua, 20～40 cm alta, glaberrima. Caulis succulentus, erectus vel basi adscendens, simplex vel interdum ramosus, nodis inferioribus incrassatis, radicibus fibrosis numerosis. Folia alterna, chartacea, ovato-elliptica, 2～6 cm longa, 1.5～4 cm lata, apice acuminata, basi cuneata, in petiolum 1～3 cm longum attenuata, margine crenato-serrata, serraturis mucronulatis, utrinque glabra, nervis lateralibus 6～8-jugis arcuatis. Pedunculi in axillis foliorum solitarii, c. 10 mm longi, 1～2-flori; pedicelli 1～2 cm longi, basi bracteati; bracteae 3～4 mm longae, membranaceae, lineari-lanceolatae, persistentes. Flores roseo-purpurei, 3～3.3 cm longi, 1.6～1.9 cm expansi. Sepala 2, ovata, 5～6 mm longa, 4～5 mm lata, apice acuta. Vexillum suborbiculare c. 1.3 cm diam., apice emarginatum, costa dorsali medio cristata. Alae 2.2 cm longae, breviter stipitatae, stipitibus 3～4 mm longis, lobis basalibus parvis, obovatis, c. 8 mm longis, distalibus dolabriformibus, 17～20 mm longis, 6～9 mm latis, auriculis dorsalibus parvis, citrinis, inflexis. Labellum saccatum, purpureo-striatum, usque ad 2.5 cm longum, basi citrinum, in calcar c. 20 mm longum incurvum constrictum, ore horizontali, 1.4～1.5 cm lato, antice obtuso. Stamina 5, filamentis linearibus, antheris ovoideis, apice obtusis. Ovarium fusiforme, c. 5 mm longum. Capsulae lineari-cylindricae, c. 3 cm longae, apice rostratae. Semina fusca, ovoideo-globosa, c. 2 mm longa, 1.5 mm lata, brunnea, minute tuberculata, Fl. et Fr. Jul. – Aug.

China. Zhejiang (浙江): Huangyan (黄岩), Shabu (沙埠), moist places in forests, alt. 330 m, 2000-08-02, X. F. Jin (金孝锋) 6929 (holotype, here designated, HZU); the same locality, alt. 300 m, 2000-08-02, X. F. Jin 6928 (PE).

一年生草本，高 20～40 cm，全株无毛。茎肉质，直立或基部斜升，不分枝或有时分枝，

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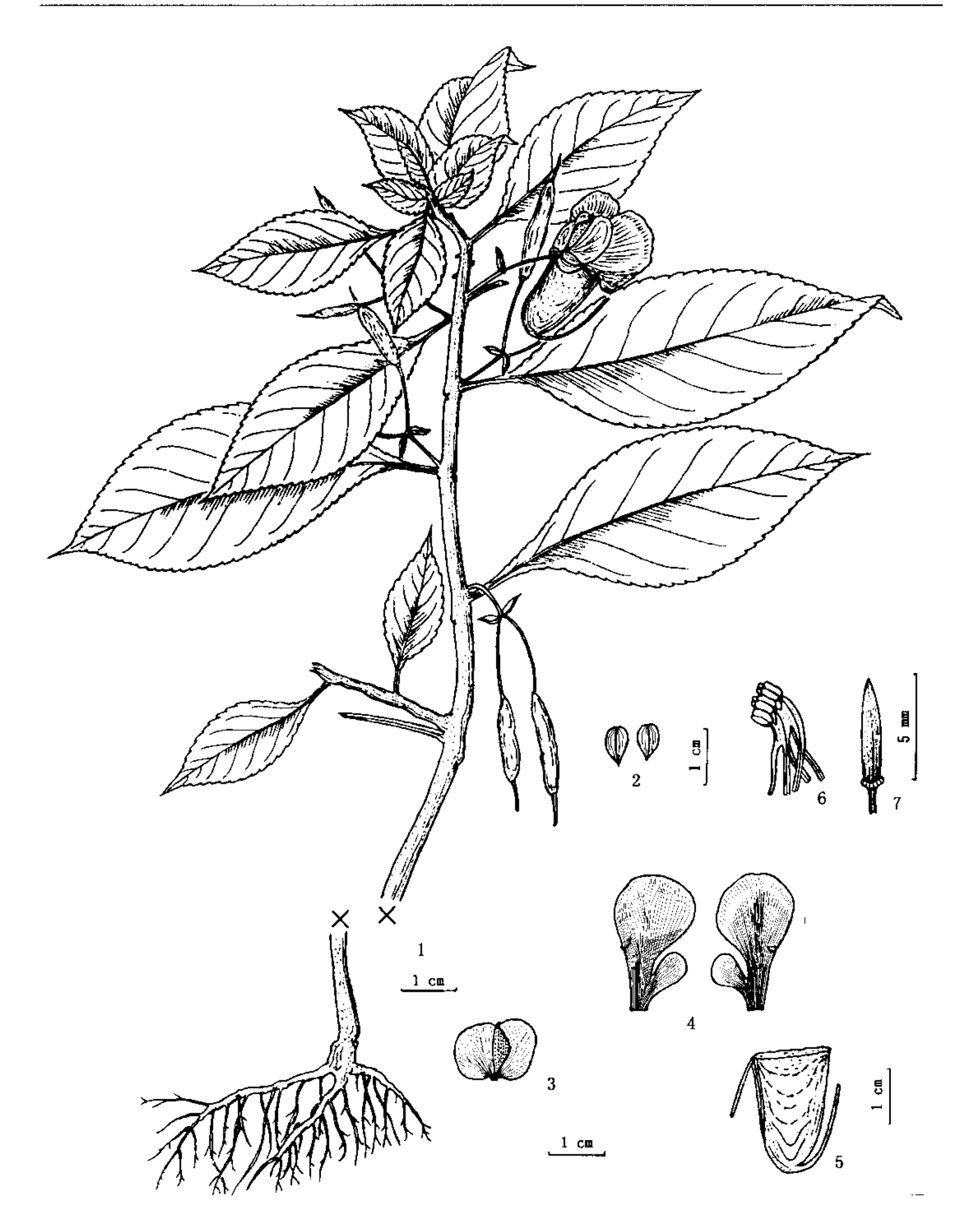


图1 黄岩凤仙花 1. 植株；2. 侧生萼片；3. 旗瓣；4. 翼瓣；5. 唇瓣；6. 花丝及花药；7. 子房。(金孝锋 绘)

Fig. 1 *Impatiens huangyanensis* X. F. Jin et B. Y. Ding (from X. F. Jin 6929) 1. Plant; 2. Lateral sepal; 3. Standard; 4. Wing; 5. Lip; 6. Filaments and anthers; 7. Ovary. (Drawn by Jin Xiao Feng)

下部节膨大,具纤维状根。叶互生,纸质,卵状椭圆形,长 2 ~ 6 cm,宽 1.5 ~ 4 cm,先端渐尖,基部楔形,并下延成 1 ~ 3 cm 的柄,边缘有圆齿状锯齿,齿端具小尖,两面无毛,侧脉 6 ~ 8 对,弧状弯曲。总花梗生于叶腋,长约 10 mm,具 1 ~ 2 朵花;花梗长 1 ~ 2 cm,基部有苞片;苞片膜质,线状披针形,长 3 ~ 4 mm,宿存;花粉紫色,长 3.0 ~ 3.3 cm,宽 1.6 ~ 1.9 cm;萼片 2,卵形,长 5 ~ 6 mm,宽 4 ~ 5 mm,先端急尖;旗瓣近圆形,直径约 1.3 cm,先端微凹,背面中肋有鸡冠状突起;翼瓣长 2.2 cm,具短柄,柄长 3 ~ 4 mm,基部裂片小,倒卵形,长约 8 mm,上部裂片斧形,长 17 ~ 20 mm,宽 6 ~ 9 mm,外缘有内折的黄色小耳;唇瓣囊状,有紫红色细条纹,长 2.5 cm,基部黄色,急狭成约 20 mm 内弯的距;口部平展,长 1.4 ~ 1.5 cm,先端钝;雄蕊 5,花丝线形,花药卵形,先端钝。子房纺锤形,长约 5 mm。蒴果线状圆柱形,长约 3 cm,具喙尖。种子多数,卵球形,长约 2 mm,宽约 1.5 mm,褐色,表面粗糙。花期、果期 7 ~ 8 月。

本种与井冈凤仙花 *I. jinggangensis* Y. L. Chen 近似,但总花梗具 1 ~ 2 朵花,短于叶,约 10 mm 长;翼瓣具柄,柄长 3 ~ 4 mm;唇瓣囊状,长 2.5 cm,具紫红色细条纹,基部急狭成长 20 mm 内弯的距而容易区别。

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